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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Schadt et al. Confirmation No.: To be

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For: COMPUTER SYSTEMS AND Docket No.: 9301-237-999

METHODS FOR INFERRING CAUSALITY FROM CELLULAR CONSTITUENT ABUNDANCE

DATA

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.115, please enter the following amendments and consider the following remarks in connection with the above-identified application.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 23 of this paper.